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**INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1

of 1

**Complete if Known**

Application Number	09/939,404
Filing Date	08/24/2001
First Named Inventor	Damian A. Hajduk
Group Art Unit	2877
Examiner Name	

Attorney Docket Number 1012-107(2000-002)

**U. S. PATENT DOCUMENTS**

Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	U.S. Patent Document Number	Kind Code <sup>2</sup> (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		5,776,359		Schultz et al.	07/07/1998	
		5,959,297		Weinberg et al.	09/28/1999	
		5,985,356		Schultz et al.	11/16/1999	
		6,004,617		Schultz et al.	12/21/1999	
		6,013,199		McFarland et al.	01/11/2000	
		6,030,917		Weinberg et al.	02/29/2000	
		6,034,775		McFarland et al.	03/07/2000	
		6,034,240		La Pointe	03/07/2000	
		6,043,363		LaPointe et al.	03/28/2000	
		6,045,671		Wu et al.	04/04/2000	
		6,087,181		Cong	07/11/2000	
		6,124,476		Guram et al.	09/26/2000	
		6,151,123		Nielsen	11/21/2000	
		6,149,882		Guan et al.	11/21/2000	
		6,157,449		Hajduk	12/05/2000	
		6,175,409 B1		Nielsen et al.	01/16/2001	
		6,177,528 B1		LaPointe et al.	01/23/2001	
		6,182,499 B1		McFarland et al.	02/06/2001	
		6,187,164 B1		Warren et al.	02/13/2001	
		6,203,726 B1		Danielson et al.	03/20/2001	

**FOREIGN PATENT DOCUMENTS**

Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Foreign Patent Document Office <sup>3</sup> Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		WO 00/67086		Symyx Technologies, Inc.	11/09/2000		
		*WO 96/11878		Reg. of the Univ. of California	04/25/1996		
		WO 0036410		Symyx Technologies, Inc.	06/22/2000		
		WO 00/40331		Symyx Technologies, Inc.	07/13/2000		
		*WO 00/51720		Symyx Technologies, Inc.	09/08/2000		
		*WO 00/17413		Symyx Technologies, Inc.	03/30/2000		
		WO 00/23921		Symyx Technologies, Inc.	04/27/2000		

Examiner Signature

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Date Considered

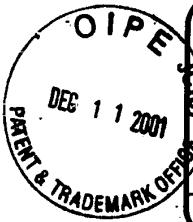
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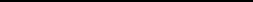
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Application Number	09/939,404
Filing Date	08/24/2001
First Named Inventor	Damian A. Hajduk
Group Art Unit	2877
Examiner Name	
Attorney Docket Number	1012-107(2000-002)

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		Number	Kind Code (if known)			
		6,242,623	B1	Boussie et al.	06/05/2001	
		6,225,487	B1	Guram	05/01/2001	
		6,225,550	B1	Hornbostel et al.	05/01/2001	
		6,248,540	B1	Weinberg et al.	06/19/2001	
		6,260,407	B1	Petro et al.	07/17/2001	
		6,265,601	B1	Guram et al.	07/24/2001	
		6,265,226	B1	Petro et al.	07/24/2001	
		6,268,513	B1	Guram et al.	07/31/2001	
		6,294,388	B1	Petro	09/25/2001	
		6,296,771	B1	Miroslav	10/02/2001	
		6,092,414		Newman	07/25/2000	
		6,050,138		Lynch et al.	04/18/2000	
		6,040,193		Winkler et al.	03/21/2000	
		6,033,913		Morozov et al.	03/07/2000	
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		5,999,887		Giannakopoulos et al.	12/07/1999	
		5,922,967		Motoyama	07/13/1999	
		5,892,157		Syre	04/06/1999	
		5,877,428		Scolton	03/02/1999	
		5,847,283		Finot et al.	12/08/1998	

## **FOREIGN PATENT DOCUMENTS**

Examiner Signature		Date Considered	8/22/21
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Sheet

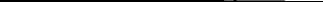
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#### **U.S. PATENT DOCUMENTS**

## FOREIGN PATENT DOCUMENTS

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OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS		
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
MH		U.S. Patent Application Serial No. 09/939,252 entitled "High Throughput Mechanical Rapid Serial Property Testing of Material Libraries," (P. Mansky) filed on August 24, 2001.
		U.S. Patent Application Serial No. 09/939,139 entitled "High Throughput Fabric Handle Screening," (M. Kossuth et al.) filed on August 24, 2001.
		U.S. Patent Application Serial No. 09/939,149 entitled "High Throughput Rheological Testing of Materials," (P. Mansky et al.) filed on August 24, 2001.
		U.S. Patent Application Serial No. 09/939,263 entitled "High Throughput Mechanical Property Testing of Materials Libraries Using Capacitance," (D. Hajduk et al.) filed on August 24, 2001.
		U.S. Patent Application Serial No. 09/938,994 entitled "High Throughput Mechanical Property Testing of Materials Libraries Using a Piezoelectric," (D. Hajduk) filed on August 24, 2001.
		The family of applications for U.S. Patent Application Serial No. 09/580,024 entitled "Instrument for High Throughput Measurement of Material Physical Properties and Method of Using Same," (Carlson, et al.) filed on May 26, 2000
		*The family of applications for U.S. Patent Application Serial No. 09/174,856 titled "Graphic Design of Combinatorial Material Libraries" (Lacy, et al.) filed on October 19, 1998.
		U.S. Application Serial No. 09/801,165 entitled "Method and Apparatus for Characterizing Materials By Using a Mechanical Resonator" filed March 7, 2001
		U.S. Application Serial No. 09/578,997 entitled "High Throughput Viscometer and Method of Using Same" filed May 25, 2000
		*PCT Application No. PCT/US01/11417 entitled "Automated Process Control And Data Management System And Methods", filed 4/6/2001

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Date Considered

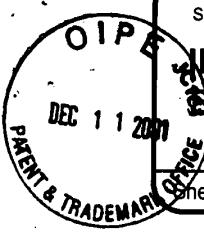
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**Complete If Known**

Application Number	09/939,404
Filing Date	08/24/2001
First Named Inventor	Damian A. Hajduk
Group Art Unit	2877
Examiner Name	
Attorney Docket Number	1012-107(2000-002)

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS		
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
<i>MH</i>		*U.S. Application Serial No. 09/420,334 entitled " Graphic Design of Combinatorial Material Libraries" (Lacy, et al.) filed on October 18, 1999
		*U.S. Patent Application Serial No. 09/305,830 titled "Synthesizing Combinatorial Libraries of Materials" (Rust, et al.) filed on May 5, 1999
		*U.S. Application Serial No. 09/550,549 entitled "Automated Process Control And Data Management System And Methods" (Crevier, et al.) filed on April 14, 2000
		*U.S. Application Serial No. 09/755,623 entitled "Laboratory Database System and Methods For Combinatorial Materials Research" (Dorsett, Jr., et al.) filed on January 5, 2001.
		*The family of applications for U.S. Application Serial No. 09/227,558 entitled, "Apparatus and Method of Research for Creating and Testing Novel Catalysts, Reactions and Polymers" (Turner et al.) filed January 8, 1999
		*The family of applications for U.S. Application Serial No. 09/211,982 entitled "Parallel Reactor With Internal Sensing" (Turner et al.) filed December 14, 1998
		*U.S. Application Serial No. 09/235,368 entitled "Polymerization Method From the Combinatorial Synthesis and Analysis of Organometallic Compounds and Catalysts" (Weinberg et al.) filed on January 21, 1999
		*U.S. Provisional Application Serial No. 60/122,704 entitled "Controlled, Stable Free Radical Emulsion and Water-Based Polymerizations" (Klaerner et al.) filed on March 9, 1999
		The family of applications for U.S. Application Serial No. 09/156,827 entitled "Formation of Combinatorial Arrays of Materials Using Solution-Based Methodologies" (Giaquinta et al.) filed September 18, 1998
		*The family of applications for U.S. Application Serial No. 09/567,598 entitled "Polymer Libraries on a Substrate, Method for Forming Polymer Libraries on a Substrate and Characterization Methods with Same" (Boussie et al.) filed May 10, 2000
		U.S. Application Serial No. 09/579,338 entitled "Rheo-Optical Indexer and Method of Screening and Characterizing Arrays of Materials" (Carlson et al.) filed on May 25, 2000

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Date Considered

8/21/01

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PATENT &amp; TRADEMARK OFFICE

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Sheet

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Application Number	09/939,404
Filing Date	08/24/2001
First Named Inventor	Damian A. Hajduk
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Attorney Docket Number	1012-107(2000-002)

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**OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
		*ODIAN, Principles of Polymerization, 3rd Ed., John Wiley & Sons, Inc. (1991)
		YOUNG, W.C., Roark's Formulas for Stress and Stain, 1989
		*TIMOSHENKO, S., Theory of Plates and Shells, McGraw-Hill, New York 1940
		OSTERBERG, Peter M. and Stephen D. Senturia, "M-TEST: A Test Chip for MEMS Material Property Measurement Using Electrostatically Actuated Test Structures," Journal of Microelectromechanical Systems, Vol. 6, No. 2, June 1997
		KIM, J.O. and B. Lewis Slaten, "Objective Assessment of Fabric Handle in Fabrics Treated With Flame Retardants," Journal of Testing and Evaluation, JTEVA, Vol. 24, No. 4, July 1996, pp. 223-228.
		GROVER, G. et al., "A Screening Technique for Fabric Handle", J. Text. Inst., 1993, 84 No. J. Textile Institute, pp. 486-494.
		PAN, NING and K.C. Yen, "Physical Interpretations of Curves Obtained Through the Fabric Extraction Process for Handle Measurement," Textile Research Journal 62(5), pp. 279-290 (1992).
		"Handle-O-Meter", Thwing-Albert Instrument Company, Philadelphia, PA.
		RAEEL, MASTURA and Jiang Liu, "An Empirical Model for Fabric Hand" Textile Research Journal 62, 1, pp. 31-38 (1991).
		ALI, S.I. and Shahida Begum, "Fabric Softeners and Softness Perception", Ergonomics, v.37, No. 5, pp. 801-806 (1994).

Examiner Signature

Date Considered

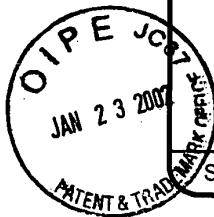
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Application Number	09/939,404
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		1,870,412		Kennedy	08/09/1932	
		3,071,961		Heigl et al.	01/08/1963	
		3,675,475		Weinstein	07/11/1972	
		3,713,328		Aritomi	01/30/1973	
		3,798,960		Glass	03/26/1974	
		3,805,598		Corcoran	04/23/1974	
		3,818,751		Karper et al.	06/25/1974	
		3,849,874		Jeffers	11/26/1974	
		3,895,513		Richardson	07/22/1975	
		3,908,441		Virloget	09/30/1975	
		3,933,032		Tschoegl	01/20/1976	
		4,229,979		Greenwood	10/28/1980	
		4,447,125		Lazay et al.	05/08/1984	
		4,517,830		Gunn, deceased et al.	05/21/1985	
		4,567,774		Manahan et al.	02/04/1986	
		4,570,478		Soong	02/18/1986	
		4,599,219		Cooper et al.	07/08/1986	
		4,602,501		Hirata	07/29/1986	
		4,680,958		Ruelle et al.	07/21/1987	
		4,685,328		Huebner et al.	08/11/1987	

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		JP402297040A		Akaha Toru	12/07/1990		
		WO 96/11878		The Reg. of the Univ. of Calif.	04/25/1996		
		WO 00/51720		Symyx Technologies, Inc.	09/08/2000		
		WO 00/17413		Symyx Technologies	03/30/2000		
		WO 01/79949 A2		Symyx Technologies, Inc.	10/25/2001		
		WO 98/15501		Symyx Technologies, Inc.	04/16/1998		
		WO 99/18431		Symyx Technologies, Inc.	04/15/1999		
		EP 0 317 356 A2		Chichibu Cement Kabushiki	05/24/1989		

Examiner Signature

*Tori*

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17~	4,740,078			Daendliker et al.	04/26/1988	
	4,749,854			Martens	06/07/1988	
	4,789,236			Hodor et al.	12/06/1988	
	4,793,174			Yau	12/27/1988	
	4,829,837			Telfer	05/16/1989	
	4,893,500			Fink-Jensen	01/16/1990	
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	5,452,619			Kawanabe et al.	09/26/1995	

## FOREIGN PATENT DOCUMENTS

Examiner Signature		Date Considered	8/20/03
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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(use as many sheets as necessary)</i>		Application Number	09/939,404
		Filing Date	08/24/2001
		First Named Inventor	
		Group Art Unit	2837
		Examiner Name	
Sheet	3	of	3
		Attorney Docket Number	1012-107(2000-002)

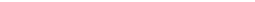


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Sheet 3 of 3

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Sheet 1 of 0

### Complete If Known

Application Number	09/939,404
Filing Date	08/24/2001
First Named Inventor	Damian A. Hajduk
Group Art Unit	2853
Examiner Name	
Attorney Docket Number	1012-107(2000-002)

### OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
11W		U.S. Application Serial No. 09/420,334 entitled " Graphic Design of Combinatorial Material Libraries" (Lacy, et al.) filed on October 18, 1999	
		U.S. Patent Application Serial No. 09/305,830 titled "Synthesizing Combinatorial Libraries of Materials" (Rust, et al.) filed on May 5, 1999	
		U.S. Application Serial No. 09/550,549 entitled "Automated Process Control And Data Management System And Methods" (Crevier, et al.) filed on April 14, 2000	
		U.S. Application Serial No. 09/755,623 entitled "Laboratory Database System and Methods For Combinatorial Materials Research" (Dorsett, Jr., et al.) filed on January 5, 2001.	
		The family of applications for U.S. Application Serial No. 09/227,558 entitled, "Apparatus and Method of Research for Creating and Testing Novel Catalysts, Reactions and Polymers" (Turner et al.) filed January 8, 1999	
		U.S. Application Serial No. 09/235,368 entitled "Polymerization Method From the Combinatorial Synthesis and Analysis of Organometallic Compounds and Catalysts" (Weinberg et al.) filed on January 21, 1999	
		U.S. Provisional Application Serial No. 60/122,704 entitled "Controlled, Stable Free Radical Emulsion and Water-Based Polymerizations" (Klaerner et al.) filed on March 9, 1999	
		The family of applications for U.S. Application Serial No. 09/567,598 entitled "Polymer Libraries on a Substrate, Method for Forming Polymer Libraries on a Substrate and Characterization Methods with Same" (Boussie et al.) filed May 10, 2000	
		The family of applications for U.S. Patent Application Serial No. 09/174,856 titled "Graphic Design of Combinatorial Material Libraries" (Lacy, et al.) filed on October 19, 1998.	
		ODIAN, Principles of Polymerization, 3rd Ed., John Wiley & Sons, Inc. (1991)	
		TIMOSHENKO, S., Theory of Plates and Shells, McGraw-Hill, New York 1940	

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Date Considered

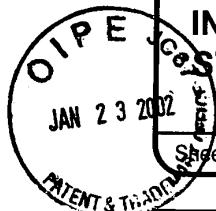
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Sheet

1

of 0

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Application Number	09/939,404
Filing Date	08/24/2001
First Named Inventor	Damian A. Hajduk
Group Art Unit	2877
Examiner Name	
Attorney Docket Number	1012-107(2000-002)

**OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. 1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
174		"DMA 2980 Dynamic Mechanical Analyer," <a href="http://www.tainst.com/dma2.html">http://www.tainst.com/dma2.html</a> , 12/29/00	
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		SHINOZAKI, D.M. and Y. Lu, "Micro-Indentation Relaxation Measurements in Polymer Thin Films" Journal of Electronic Materials, 1997, vol. 26, no. 7, pp. 852-858	
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*Kao ri*

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8/20/01

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